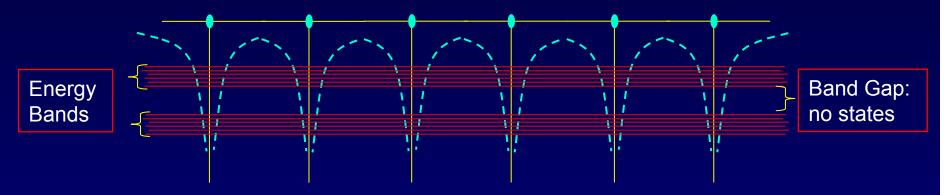
Bands and Band Gaps Occur for all Types of Waves in Periodic Systems

Electron in a crystal – a periodic array of atoms



Light propagating through a periodic set of layers with different index of refraction – an interference filter

